

March 20, 2003

MEMORANDUM TO: Davis-Besse Nuclear Power Station IMC 0350 Panel

FROM: John A. Grobe, Chairman, Davis-Besse Oversight Panel */RA/*

SUBJECT: MINUTES OF INTERNAL MEETING OF THE DAVIS-BESSE
OVERSIGHT PANEL

The implementation of the IMC 0350 process for the Davis-Besse Nuclear Power Station was announced on April 29, 2002. An internal panel meeting was held on January 31, 2003. Attached for your information are the minutes from the internal meeting of the Davis-Besse Oversight Panel and the "Open" Action Items List.

Attachments: As stated

cc w/att: H. Nieh, OEDO
J. Dyer, RIII
J. Caldwell, RIII
M. Parker, RIII
DB0350

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OFFICE	RIII	RIII	RIII	
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DATE	03/11/03	03/11/03	03/20/03	

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MEETING MINUTES: Internal IMC 0350 Oversight Panel Meeting
Davis-Besse Nuclear Power Station

DATE: January 31, 2003

TIME: 1:00 p.m. Central

ATTENDEES:

J. Grobe	D. Passehl	J. Collins
B. Dean	M. Phillips	D. Hills
J. Hopkins	J. Jacobson	
C. Lipa	C. Thomas	

Agenda Items:

1. Discuss Plant Status and Inspector Insights

- Integrated Safety Features Actuation Systems test was performed for train #1. Discrepancies included #3 Service Water Pump not starting and the suction valve for #1 Decay Heat Pump not operating properly. Troubleshooting and retesting is scheduled for the weekend.
- The emergency sump screens are being prefabricated.
- The schedule was moving on key inspection items. The Normal Operating Pressure test is scheduled for March 13, 2003.

2. Discuss Allegation Status

M. Phillips provided a summary to the DBOP of all allegations made on Davis-Besse since January 2002 for review. A summary of the results indicated 29 concerns were identified in a nine month span. Approximately 50% were substantiated. A total of 20 chilled environment issues were raised with 8 substantiated, 4 being reviewed, and three limited in review due to individuals not wishing to communicate with the NRC.

The Davis-Besse Oversight Panel (DBOP) took actions to identify items for restart. An effort was deemed necessary to determine if the problems were fixed, currently ongoing or both. A review was agreed upon for current effects of these issues. Major areas of emphasis were noted in personnel integrity, equipment operability, discrimination and safety conscious work environment. The possible drafting of a chilled effect letter to the licensee was discussed.

3. Discuss/Approve Special Inspection Plan for Resident Inspector Activities

This item was reviewed and comments produced by the DBOP.

4. Discuss End-of-Cycle Document

This item was reviewed and comments produced by the DBOP.

5. Discuss Items from 1/21/03 Panel Meeting which were identified during the 1/9/03 Inspection Scheduling Meeting

SSDI - The consensus of the 0350 panel members was that the SSDI scope had been sufficiently covered in the system health inspection and therefore completion of the SSDI could be credited and the currently scheduled one can be removed from the schedule. This is documented with today's minutes.

Heat Sink Inspection - After a briefing by Marty Farber, the consensus of the 0350 panel members was that the heat sink inspection scope had been sufficiently covered in the system health inspection and therefore the completion of the heat sink inspection could be credited and the currently scheduled one can be removed from the schedule. This is documented with today's minutes.

Modification/50.59 Inspection - Marty Farber was tasked with looking more closely at what was covered in the system health inspection and determining whether the scope of the modification/50.59 inspection was already completed. He then needs to come back to the 0350 panel with his recommendation. Action item added to track this.

Problem Identification and Resolution Inspection - The 0350 panel members agreed that if the Corrective Actions Team (CAT) inspection is scoped appropriately then it should capture the scope of the P&IR inspection. Therefore, this inspection can be removed from the current schedule. When Zelig Falevits picks up the CAT inspection, he should ensure it is scoped accordingly. Action item added to track this.

Once DRS has developed a draft CY-2004 baseline inspection schedule for Davis Besse (in conjunction with the upcoming regional inspection planning meeting), the 0350 panel members requested that DRS brings this back to the 0350 panel for review. Action item added to track this.

Discuss Appendix R Meeting - Need to factor the results of R. Gardner's meeting with licensee so that the Panel can factor this into the inspection plans for the corrective action team inspection and restart readiness team inspection. Action item added for Ron Gardner to brief the DBOP on Appendix R inspection plans before restart.

6. Discuss Action Items

Items discussed as attached.

7. Discussion of Licensing Issues and Actions

The DBOP discussed licensee's actions to meet TS 4.5.2.h. It was determined that the licensee verified pump flow at 0 psig and then used pump curves to extrapolate the pump performance at higher pressures. Item to be added to the RAM for tracking.

8. Discuss/Update Milestones and Commitments

The following items were discussed by the DBOP:

- 2/4 - Commission Briefing

- 2/11 - Public Meeting
- 2/12 - End-of-Cycle Meeting
- 2/19 - Brief S. Collins on End-of-Cycle meeting results. Expectations limited due to frequent updates ongoing through the Davis Besse Oversight Process.
- 2/27 - Brief the State Government of Ohio on Davis-Besse Oversight Status
- 3/5 - Annual Assessment Letter Due

9. Other

The DBOP discussed a letter from A. Dunlop to C. Lipa, Davis-Besse Licensing Basis Issue with Respect to Generic Letter 97-01. Determination on this item was tracking and closeout through the RAM.

G. Wright briefed the DBOP on the activities of his inspection group to evaluate the framework of Davis-Besse and Dr. Haber's SCWE and Safety Culture reviews.

Item Number	Action Item (Date generated)	Assigned to	Comments
24a	Discuss making information related to HQ/licensee calls publicly available	Panel	<p>Discuss by June 30, after safety significance assessment complete. 6/27 - Invite Bateman to panel mtg. To discuss what else is needed to closeout the CAL (i.e. quarantine plan). 7/2 - NRR not yet ready to discuss. 7/16 - See if procedures have changed on CAL closeout - does JD need to send letter? 7/18 - Discussed - is there an applicable regional procedure? 8/6 - Discussed. Need to determine the final approach on the core removed from the head and the final approach on the head before the quarantine can be lifted. 8/22 - Revisit action item after letter sent to licensee confirming plans with old vessel head (head may be onsite longer than originally anticipated) 8/29 - Memo to be sent to Region, with a letter to go out next week. 10/01- Discussed. 1) Conduct NRC staff survey-due 10/7 2)Memo to NRR - due 10/11 3) Region to issue letter 11/07- Letter required from NRR on head quarantine status. 11/19 - Letter in draft</p> <p>01/03 - A. Mendiola to look at phone conference writeups on quarantine decision making to determine if they can be released to the public. 01/07 - discussed 01/21 - discussed. 01/31- A. Mendiola's action</p>

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54a	Review TSP amendment and advise the panel on the need for a TIA on Davis-Besse (7/2)	D. Pickett	<p>7/9 - Discussed. Will wait for response from licensee. 7/16 - Discussed - added action item 54b. 8/6 - Sent to the licensee on 7/22 and a response is due by 8/22. 8/22 - Discussed - need to check if response has been received. 8/27 - Received response - DRS is reviewing - will fax to NRR for 54b. 8/29 - Discussed, DRS report of response to be issued to panel prior to item 54b. 10/1 - Discussed. DRS coordinating with NRR 11/07 - Discussed - On hold for draft with specific information. 12/10 - B. Dean believed B. Bateman thought a calculation for sufficient volume of TSP was completed to technical specification value. However questions whether the calculation was to technical specification or actual TSP level remain. 01/03 - Item under NRR review. Calculation completion expected on Jan 17. Allegation issue in RIII domain. 01/07 - Allegation Item #3 under NRR Review for Resolution. 01/21 - Item #3 is under Region III control for final letter, holding for NRR input.</p>

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73	Send feedback form on IMC 0350 procedure to IIPB (8/6)	Lipa Mendiola	8/6 - Generate feedback after panel meetings reduced to once per week. 8/29 - Discussed - no change. 10/1 - Discussed. 11/7 - D Passehl sent email to C Carpenter and D Coe indicating that we would be able to perform a review of the draft IMC 0350 during the first quarter of 2003. 12/3- discussed. 01/03 - 2 parts, short part- C. Lipa with P. Harris, long part- B. Dean. 01/07 - 2 nd larger response will require meeting between all parties. 01/21 - Communications with P. Harris 01/31-Meeting with P. Harris on Feb 4
74	Matrix strategy for UCS and other requests. (8/8)	Lipa	8/13 - Discussed. 8/22 - Discussed - matrix is being developed 8/29 - Discussed - matrix has been started. 10/1& 10/15 Discussed. 11/07 - A top ten list will be created to prioritize strategy 01/03 - Insp Meet 01/09 01/07 - most items mapped out in RAM, some letters need to be entered. 01/31- RAM inclusion M. Phillips, NRR coord G. Dick
88	Develop draft proposal on how to assess significance/respond to TIA (8/20)	Burgess	8/27 - Working to a due date of 8/30 to present to the panel next week. 10/1 - Discussed. 11/07 -M. Reinhart rewriting draft. Due from NRR to RIII 11/30. 12/3 - Discussed. 12/10 - TIA received 12/06. 01/03 - Package Ready Mid January, SERP expected in Feb. 01/07 - Package Ready January 17, SERP expected February 6. 12/31 - SERP on Feb 6
97	Bulletins 2002-01 and 2002-02 response and acceptance (9/5)	NRR	11/07 - Discussed, further research and discussion required. 01/07 - RAI response expected Mid February. 01/31- On track

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99	Bring to panel all 95002/95003 attributes (9/5)	Jacobson/ Lipa	9/24 - Decision for C. Lipa to discuss item with J. Jacobson; 10/1 - Discussed. Due 10/11; 10/15 - Discussed; 11/07 - RAM item inclusion for discussion at 11/19 panel meeting; 12/19 - Week of Jan. 6 th Inspection plan mtg; 01/07 - Factoring into the RAM; 01/31- Item Closed
125	Review LLTF report for 0350 issues / SMRT team	Mendiola/ Lipa	01/07 - In progress
126	Review Davis-Besse/Vessel Head Degradation web site content for ease of use by the public. (11/07)	Strasma	
127	Decision of the extent of the needs for resolution of the technical root cause (11/19)	B. Dean	12/10 - Completion date requested 12/19 - Discussed - Est. delivery Jan. 31 st , put in Jan-Feb report 03-02. 01/31 - On track
130	Action to Make rec on EOC package (12/19)	C. Lipa	
131	OE/OI decision logic (12/19)	B. Clayton	01/03 - J. Grobe's flowchart to be discussed in meeting week of Jan 6 - 10 01/31 - Item submitted and discussed
132	Consolidate RAM (12/19)	C.Lipa/ A.Mendiola	Due Fri 1/17. 01/31 - Item open
133	12/29 Taping of debate	J.Collins/ D.Simpkins	01/03 - Licensee to deliver tape to J. Strasma
136	NRR acceptance of NOP/NOT criterial and method (01/03)	W. Dean	01/07 - Item discussed. Meeting summary of November 26, 2002 meeting has notation of NRR staff impressions of test plan. Once drafted, issue will be surveyed to staff to determine if consciences is correct. 01/21 - Meeting summary to discuss Fluse System, Test agreement, and future inspections. 1/31 - T. Chan fwd to J. Hopkins.

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137	Review of Restart Checklist to verify numbering scheme (01/07)	D. Passehl	01/31 - Closed
138	Evaluate the effectiveness of the Comm Plan (01/07)	A. Mendiola, C. Lipa	01/31 - Ongoing
139	Licensing Actions Review for DBOP internal meeting on 01/21/03 (01/07)	J. Hopkins	01/21 - Moved to next internal meeting. 01/31 - Moved
140	Present all LERs, since the discovery of the degradation, to the Panel so that they can be considered for restart (01/07)	D. Passehl	01/21 - Moved to next internal meeting. 01/31 - Do as part of RAM - Item Closed
141	Develop a special inspection plan for using IP 93812 in the routine resident inspector report. (01/09)	S. Thomas	01/31 - Complete and closed
142	Properly reassign past inspection hours charged to TAC W90086 into the Reactor Program System (RPS). Prepare a memo to JDyer to reassign hours. (01/09)	C. Lipa	01/31 - In progress
143	Prepare a special inspection plan for the NOP/NOT test. (01/09)	J. Jacobson	
144	Prepare a special inspection plan for the corrective action team inspection. (01/09)	D. Hills	01/31 - Working Z. Falevits and R. Gardner
145	Prepare a special inspection plan for the restart readiness team inspection. (01/09)	D. Passehl	

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146	Arrange a Panel briefing by RLangstaff to get insight into the scope and depth of 10 CFR 50 Appendix R and EOP issues at Davis-Besse so that the Panel can factor this into the inspection plans for the corrective action team inspection and restart readiness team inspection. (01/09)	D. Passehl	01/31 - open
147	Generate a list of items to consider after restart as well as transition back to the normal 0350 when terminating the 0350 Panel. The items should include plans to augment inspection of corrective actions, inservice inspection, and safety culture monitoring. (01/09)	D. Passehl	01/31 - working
148	Provide DIE hours from 2/2/02 - 12/31/02 to Jack Grobe. (01/09)		01/21 - Item Closed
149	SRI to coordinate with GWright inspection of corrective actions that have been completed by the resident staff. The intent is to find ways to allow GWright's inspection to take credit for what the resident staff already accomplished. (01/09)	S. Thomas	01/31 - open

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150	SBurgess to develop a position paper on the state of plant risk when the plant attains Mode 4 for the first time. The purpose is to support NRC scheduling of major inspections until closer to Mode 2. (01/09)	S. Burges	
151	Develop a plan to assess the safety culture at the plant to close Restart Checklist Item 4.b, effectiveness of corrective actions. Discuss at next 0350 internal Panel meeting. (01/09)	G. Wright	
152	Dave Hills to bring to ARB recommendation for closure of the 50.9 issues. (01/09)	D. Hills	
153	Discuss with Ken O'Brien which corrective actions will be inspected and addressed in his programmatic effectiveness report so that items which warrant inspection which will not be addressed in Ken's report get addressed during the corrective action inspection. (01/09)	D. Hills	
154	Marty has action to followup by 1/21 with licensee to understand licensee's actions to address common mode failure issues (i.e., topical issues) and brief Panel. Then develop inspection plan to address topical issues. (01/09)	M. Farber	

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155	Get resources to supplant resident inspector staff vacancies in February. SRI has military leave and the RI had househunting scheduled. (01/09)	C. Lipa	
156	Read Generic Safety Issue-191, "Assessment of Debris Accumulation on PWR Sump Pump Performance" (01/09)	J. Hopkins	01/21 - Determine status of GSI-191
157	Have resident inspection staff address whether the licensee is correctly classifying and categorizing their backlog relative to work orders, corrective actions, and modifications to hardware. (01/09)	S. Thomas	01/31 - Special Inspection Plan inclusion
158	In Ken O'Brien's programmatic inspection plan, add to the summary page the addition of Restart Checklist Item 3.i, Process for Ensuring Completeness and Accuracy of Required Records and Submittals to the NRC, and deletion of Item 3.h, Radiation Protection Program. (01/09)	D. Hills	
159	Document closure of Restart Checklist Items 6, licensing issue resolution, in the resident inspector report. (01/09)	J. Hopkins	01/21 - Feb 1. 01/31 - One open item, send to S. Thomas for inclusion in report.
160	Draft fragnet of inspection resources, plans, and schedules. (01/09)	C. Lipa	01/21 - Fragnet-"time line". 01/31 - Names needed
161	Update the RAM. (01/09)	J. Jacobson M. Phillips	

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162	Modified Containment Walkdown List assessment to look into effects on ILRT and NOP/NOT tests. (01/21)	P. Lougheed	
163	Flag Allegations requiring action prior to restart (01/21)	M. Phillips	
164	Discuss the need for a Chilling Effect Letter with Bruce Berson (01/21)	M. Phillips	01/31 - Pre-work and then ARB
165	Ensure the CAT inspection is scoped accordingly (01/31)	Z. Falevits	
166	Once DRS has developed a draft CY-2004 baseline inspection schedule for Davis-Besse (in conjunction with the upcoming regional inspection planning meeting), DRS will present this to the 0350 panel for review. (01/31)	Panel	
167	R. Gardner to brief panel on Appendix R inspection requirements prior to restart.	R. Gardner	